

REMARKS

Claims 22-45 are pending after amendment herein. The abstract is objected to. Claims 22, 23, 25-28, 33, 37 and 38 are rejected under 35 USC 102(e) as being anticipated by Spitsberg '530. Claims 24, 29-32, 34-36 and 41 are rejected under 35 USC 103(a) as being unpatentable over Spitsberg '530 in view of Zheng '362. Claims 39 and 40 are rejected under 35 USC 103(a) as being unpatentable over Spitsberg '530 in view of Spitsberg '395.

Objection to the Abstract:

The Abstract has been amended herein to overcome the objection, and moreover to provide a better summary of the presently claimed subject matter.

Rejection of claims 22, 23, 25-28, 33, 37 and 38 under 35 USC 102 in view of Spitsberg '530:

MPEP §2131 provides that a claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. The identical invention must be shown in as complete detail as contained in the claim. The elements must be arranged as required by the claim. Independent claim 22 has been amended herein to eliminate thermal conductivity, thus it no longer reads on the Spitsberg reference, and the rejection under Section 102 has been overcome.

Rejection of claims 24, 29-32, 34-36 and 41 under 35 USC 103(a) in view of Spitsberg '530 in view of Zheng '362:

Independent claims 22 and 41 have been amended herein to eliminate thermal conductivity, thus the amended claims no longer read on the cited combination of references, and the rejection under Section 103 has been overcome.

Applicants also note that the present invention claims a priority date of 17 February 2004 based upon the filing date of the parent European application, therefore, Spitsberg '530 does not qualify as prior art.

Rejection of claims 39 and 40 under 35 USC 103(a) in view of Spitsberg '530 in view of Spitsberg '395:

Claim 40 is cancelled herein. Claim 39 depends from independent claim 22, which has been amended herein to eliminate thermal conductivity, thus claim 39 no longer reads on the cited combination of references, and the rejection under Section 103 has been overcome.

New claims 42-45:

New claims 42-45 have been added. These claims are supported in the substitute specification at paragraphs 00047, 00044 and 00045, 00062 and 00063, and 00061, respectively.

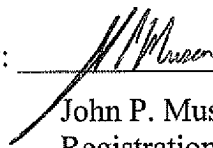
Conclusion

Based on the above remarks and the amendments made herein, the application should now be in condition for allowance. The Commissioner is hereby authorized to charge any appropriate fees due in connection with this paper, including the fees specified in 37 C.F.R. §§ 1.16 (c), 1.17(a)(1) and 1.20(d), or credit any overpayments to Deposit Account No. 19-2179.

Respectfully submitted,

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